



MASTERColour CDM-TC Elite



MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	20,000 hour(s)
Light Technical	
Color Code	930 [CCT of 3000K]
Luminous Flux	5,400 lm
Luminous Efficacy (rated) (Nom)	108 lm/W
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K

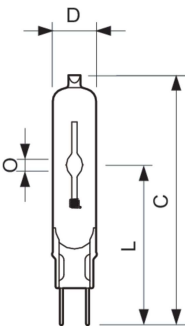
Color rendering index (CRI)	91
Arc Length O (Nom)	6 mm
Operating and Electrical	
Power Consumption	50.2 W
Voltage (Nom)	90 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14

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Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	51 kWh
EPREL Registration Number	473270
Product Data	
Order product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12
Full product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

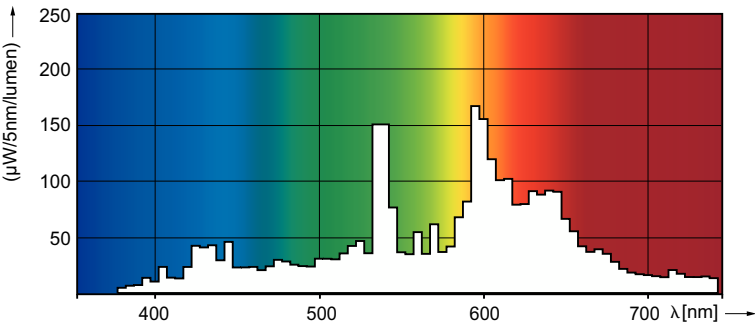
Full product code	872790093062700
Order code	928191805131
Material Nr. (12NC)	928191805131
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.010 kg
EAN/UPC - Product/Case	8727900930627
Numerator - Packs per outer box	12
EAN/UPC - Case	8727900930634

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm

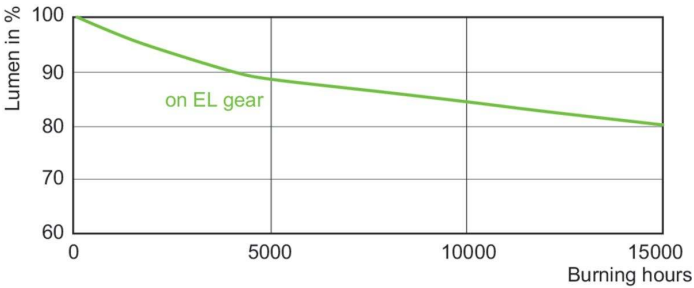
Photometric data



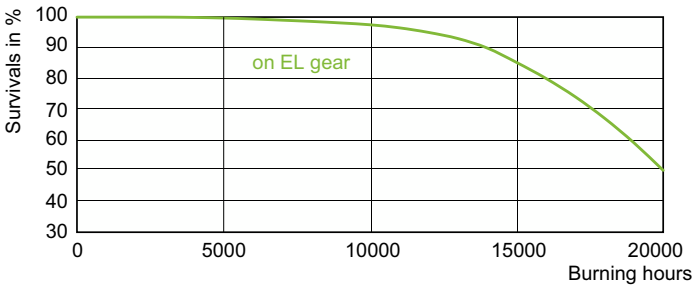
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12



LDLE_CDMTC-E_0002-Life expectancy diagram

